

PTO/SB/08B (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number 10/651,068

Filing Date 08/29/2003

First Named Inventor Tawassul A. Khan

Art Unit 2863

Examiner Name Victor Taylor

Attorney Docket Number

Sheet 1 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
W	A	JOHN P. CASTAGNA ET AL, Instantaneous spectral analysis: Detection of low-frequency shadows associated with hydrocarbons, February 2003, pp.120-128, The Leading Edge.	
W	B	M.A. BIOT, Theory of Propagation of Elastic Waves in a Fluid-Saturated Porous Solid. Journal of the Acoustical Society of America, March 1956, pp. 168-191, Volume 28, No. 2.	
W	C	A.E. SCHEIDEGGER, The Physics of Flow Through Porous Media, 1960, The MacMillan Company, New York.	
W	D	THEODOROS KLIMENTOS AND CLIVE MCCANN, Why is the Biot slow compressional wave not observed in real rocks? Geophysics, December 1988, pp. 1605-1609, Volume 53, No. 12	
W	E	DONSKOY, KHASHANAH AND MCKEE, Nonlinear acoustic waves in porous media in the context of Biot's theory, Jnl of the Acoustical Society of America, Nov 1997, pp. 2521-2528, 102	
W	F	JOHNSON ET AL., Manifestation of nonlinear elasticity in rock: convincing evidence over large frequency and strain intervals from laboratory studies, Journal of Nonlinear	
W	G	Processes in Geophysics, pp. 1-12, MS 95023.	
W	H	PAUL JOHNSON et al, Nonlinear Generation of Elastic Waves in Crystalline Rock, Journal of Geophysical Research, April 10, 1987, 3597-3602, Vol. 92, No. B5.	
W	I	MEEGAN, JOHNSON et al, Observations of nonlinear elastic wave behavior in sandstone, Jnl. of Acoustical Society of America, December 1993, pp. 3387-3391, Volume 94, No. 6	
W	J	JOHNSON AND MCCALL, Observation and implications of nonlinear elastic wave response in rock, Geophysical Research Letters, Feb. 1, 1994, pp. 165-169, Vol. 21, No. 3.	

Examiner Signature	<i>W. McGuire</i>	Date Considered	4/11/2004
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

**Complete if Known**

<b>Application Number</b>	10/651,068
<b>Filing Date</b>	08/29/2003
<b>First Named Inventor</b>	Tawassul A. Khan
<b>Art Unit</b>	2863
<b>Examiner Name</b>	Victor Taylor
<b>Attorney Docket Number</b>	

Sheet	2	of	2
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## NON PATENT LITERATURE DOCUMENTS

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	1
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**Complete if Known**

Application Number	10/851,068
Filing Date	08/29/2003
First Named Inventor	Tawassul A. Khan
Art Unit	2883
Examiner Name	Victor Taylor
Attorney Docket Number	

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

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Examiner Signature	(H) Zeng	Date Considered	4/11/2014
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